

# PATENT ABSTRACTS OF JAPAN

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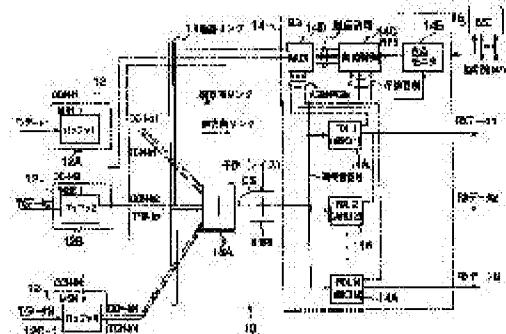
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(54) LOAD CONTROL METHOD AND DEVICE FOR CDMA CELLULAR SYSTEM HAVING LINE EXCHANGE TERMINAL EQUIPMENT AND PACKET EXCHANGE TERMINAL EQUIPMENT

(57) Abstract:

**PROBLEM TO BE SOLVED:** To obtain the method for controlling a communication load in the communication system by subtracting a measured quantity from a current maximum capacity and assigning all or part of a remaining capacity if available to a 2nd kind of terminal equipment.

**SOLUTION:** A base station controller (BSC) 16 optimizes a load of the system over some cells and decides a separate limit to each base station 14. Various base stations 14 control a packet terminal equipment 12 in respective cells based on their limit. In this case, each load monitor 14B decides a total cell communication load and gives the value to the BSC 16. The BSC 16 sends a value of a packet mode limit (Rps) to each BS 14. Each base station(BS) 14 checks a tolerable permission for all frames and a current permission. When release of more resources is possible for a waited mobile station(MS), each BS sends



a transmission enable signal to the waited MS.